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**REISSUE APPLICATION DECLARATION BY THE INVENTOR**

Docket Number (Optional)  
**153501-0133**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed

in patent number 6,031,294, granted Feb. 29, 2000, and for which a  
reissue patent is sought on the invention entitled Turbogenerator/Motor Controller  
With Ancillary Energy Storage/Discharge

the specification of which

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as reissue application number \_\_\_\_\_/  
and was amended on \_\_\_\_\_  
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims,  
as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in  
37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described  
below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening  
reissue, such must be stated with an explanation as to the nature of the broadening:

The issued patent claims methods of controlling a permanent magnet turbogenerator/motor that  
include, generally, providing utility electrical power to the permanent magnet turbogenerator/motor  
through a pulse width modulated inverter to start the permanent magnet turbogenerator/motor. The  
additional claims sought herein are directed to a method of controlling a turbogenerator having an  
energy storage device, the method comprising rotating the turbogenerator at a first predetermined  
speed to provide a required amount of power to a load; in response to a change in the amount of  
power required by the load, providing power to the load from the energy storage device; and then  
rotating the turbogenerator at a second predetermined speed to provide to the load the changed  
amount of power required. The method claimed in the new claims does not include providing electric  
power to the turbogenerator to start the turbogenerator.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)  
153501-0133

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s)

Registration Number

-----  
-----  
-----

Correspondence Address: Direct all communications about the application to:



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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Everett R. Geis

Inventor's signature

Date

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Full name of third joint inventor (given name, family name)

Joel B. Wacknov

Inventor's signature

Date

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Citizenship

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Mailing Address

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Additional joint inventors are named on separately numbered sheets attached hereto.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re reissue application of: )  
 )  
 U. S. Patent No: **6,031,294** )  
 )  
 Issued : **February 29, 2000** )  
 )  
 Inventor(s) : **Everett R. Geis, et al** )  
 )  
 For : **TURBOGENERATOR/MOTOR** )  
**CONTROLLER WITH ANCILLARY ENERGY** )  
**STORAGE/DISCHARGE** )  
 \_\_\_\_\_ )

ASSENT OF ASSIGNEE  
AND CERTIFICATION UNDER 37 CFR 3.73(b)

Commissioner for Patents  
 Washington, D.C. 20231

Sir:

Capstone Turbine Corporation, assignee of the entire interest in the above-referenced letters patent, hereby assents to the accompanying application for reissue.

Capstone Turbine Corporation, ("assignee"), a corporation having a place of business at 21211 Nordhoff Street, Chatsworth, California 91311, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

CAPSTONE TURBINE CORPORATION

Dated: \_\_\_\_\_

By: Norman Chambers  
 Its: Chief Operating Officer